



Continuous Float Level Transmitter

Item: LS1FLOAT36X



Description

The LS1FLOAT36X series Continuous Level Transmitter has been designed to provide accurate fluid level readings via 4~20mA output. The assembly is constructed out of 304 to provide extended longevity. The magnetic float slides up and down the stem as the fluid level raises and lowers. When the float is at the bottom of the stem, the transmitter sends out a 4mA signal which increases as the water level increases which moves the float up the stem to a maximum of 20mA at the top of the stem.

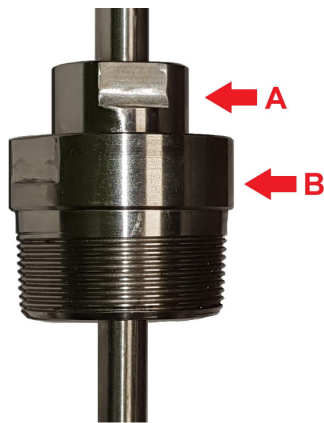
Details

- Stem and Floats are 304 Stainless Steel
- Sensor Range: 27.5 Inches
- Stem Length: 35.5 Inches
- Stem Diameter: 0.55 Inches
- Float Diameter: 1.77 Inch
- C Clips on top and bottom
- Industrially Hardened, Rated for Millions of Cycles
- (Top) 304 SS Bung/Adapter: 2 Inch MNPT
- Signal Output: 4~20mA

Installation

1. Insert the stem into the container or mounting bracket and tighten the 2" MNPT fitting to secure it in place.
2. Unscrew the compression bolt at the top of the MNPT fitting and slide the stem to fit your container, then tighten the compression bolt.
3. Adjust the clip at the top of the stem to set the max measured height.
4. Connect the 24vdc power source to the positive (**24+**) terminal.
5. Connect the negative (**24-**) terminal to the input terminal of the monitoring device such as a PLC.

The transmitter should only be installed by Fully Licensed Electrical Contractors with a good working knowledge of low voltage instrumentation needs.



A: Stem Compression Bolt
B: 2 Inch MNPT Fitting

Maintenance

1. Shut off power to the transmitter.
2. Remove the transmitter from the container.
3. Use a cloth to wipe debris/ buildup from the stem and float.
 - 3.1. If a cleaning solution is used, be sure to consult the MSDS for possible reactions to contaminants that may be present.